YNK-DBR No. 04
Date 28.04.2020

Original / Duplicate / Triplicate

SBR.No 03
27.04.2020

CONTRACT CERTIFICATE

No. 1st and Part bill (For Other Works) Date.....20.....

Division : Yelahanka Division Sub-Division : Yelahanka Satellite Town -Sub Division

Estimate Cost (Rs.) :-200.00 Lakhs

Bill Received No .....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No: Head of Account : P-3749 D.R. No:

Name of Work (as per sanctioned estimate): Asphalting to roads at Jyothinagara and Muniswamappa layout and surrounding areas in ward no: 03 Yelahanka satellite Town Sub division

Job Code:- 003-20-000079

Name of Contractor and Full Address **M/s.Technical Manager(West) ,KRIDL, Bangalore.**

Reference to Agreement No /Wo No: EE/YNK.D/AG/182/2019-20 Dt:-08/11/2019

Certified that the measurements were taken by me on 7/2/2020 and recorded of Pages No 493606 to 493607½

Of measurement Book No : 4937/2019-2020 and that the work is satisfactorily executed.

Signature of Contractor
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Officer-in-charge of work
7/2/2020

Certified that the measurements were taken by me on 07/02/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer 07/02/2020

Assistant Executive Engineer
Yelahanka Satellite Town
Sub-Division
BBMP, Bengaluru-560 ...

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments
7) Net amount due to or from contractor Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Gross Amt =Rs 6343694=00
I.T. =Rs 317184=00
COST =Rs 56640=00
SCST =Rs 56640=00
IT =Rs 126874=00
=Rs 63436=00
=Rs 63436=00
=Rs 38444=00
T.D. =Rs 665561=00
Net Amt-Rs 5678133=00

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Contractor's Signature

Received Rs... .....(in works)

.....

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

Dated.....

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Signature of Contractor

Paid by me by cheque No..... Dated.....

Cash Rs..... Dated.....

Initials of Officer Making Payment

(For use in the Office)

Audited & Admitted for Rs. 6343694=00
Sixty three Lakh fourty three thousand Six hundred ninety four -
and Rs. 5678133/ by Cheque
and Rs. 665561/ by Cash/Draft

Executive Engineer

Accts. Supdt.
yelahanka Division
BBMP

Exe. Engineer
yelahanka Division
BBMP

ABSTRACT BILL

FIRST AND PART BILL

Name of Work: Asphalting to roads at Jyothinagara and Muniswamappa layout and surrounding areas in ward no: 03 Yelahanka Satellite Town Sub division

Head of Account	:- P-3747	
Job Code	:- 003-20-000079	
A/A No	:- EE/YNK/64/2019-20	Date:- 07/11/2019
T/S No	:- 206	Date:- 08/11/2019
Work order No	:- EE/YNK/64/2019-20	Date:- 10/11/2019
Estimate Cost	:- 200.00 Lakhs	
SR	:- 2018-19	
Tender Period	:- 90 days	
Agency	:- M/s. Technical Manager (West), KRIDL, Bengaluru	
Date of Commencement	:-	
Date of Completion	:-	

Sl No	Description of Work	Unit	Shedule -B			Previous Bill		Present Bill			Total Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	715.53	211.79	151541.00	_	_	706.88	211.79	149710.00	706.88	149710.00
2	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications.	Cum	126.60	4479.56	567115.00	_	_	126.59	4479.56	567076.00	126.59	567076.00
3	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.	Tonne	13.77	72326.98	996061.00	_	_	13.76	72326.98	995209.00	13.76	995209.00

4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification.	Cum	227.19	7070.20	1606244.00	–	–	227.09	7070.20	1605582.00	227.09	1605582.00
5	Supplying and fixing precast reinforced concrete slab 10cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc. complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm	592.02	2337.00	1383551.00	–	–	591.66	2337.00	1382709.00	591.66	1382709.00
6	Providing and laying Pre Cast Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete as per drawingand direction of Engineer-in-charge of work.	Sqm	8.76	5418.00	47462.00	–	–	8.76	5418.00	47462.00	8.76	47462.00
7	Providing and fixing Pre cast solid concrete kerb stones of size 450 x 200 x 400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. (Page No 27 Item no 5.29.1 of KPWD SR Bangalore Circle (2018-19)	Nos	1476.00	477.00	704052.00	–	–	1476.00	477.00	704052.00	1476.00	704052.00
8	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per pecifications.	Sqm	199.85	84.80	16948.00	–	–	199.32	84.80	16902.00	199.32	16902.00
9	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.	Cum	2733.03	57.03	155859.00	–	–		57.03	0.00	0.00	0.00

10	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.	Sqm	8065.50	6.36	51297.00	–	–		6.36	0.00	0.00	0.00
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC,spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.	Cum	1209.83	1855.00	2244226.00	–	–		1855.00	0.00	0.00	0.00
12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	1814.74	2001.28	3631798.00	–	–		2001.28	0.00	0.00	0.00
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	8065.50	29.68	239385.00	–	–		29.68	0.00	0.00	0.00
14	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.	Sqm	8065.50	12.72	102594.00	–	–		12.72	0.00	0.00	0.00

15	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision. using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	403.28	6858.20	2765741.00	–	–		6858.20	0.00	0.00	0.00
16	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	241.97	8049.64	1947732.00	–	–		8049.64	0.00	0.00	0.00
17	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	333.75	454.74	151770.00	–	–		454.74	0.00	0.00	0.00

18	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.	Nos	480.00	357.22	171466.00	–	–		357.22	0.00	0.00	0.00
	Total				**16934814.00**					**5468702.00**		**5468702.00**
	12% GST				**2032178.00**					**656244.00**		**656244.24**
	4% KRIDL				**677393.00**					**218748.00**		**218748.08**
	Grand Total				**19644385.00**					**6343694.00**		**6343694.32**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Asst. Engineer
Sub Division,
BBMP, Bangalore

Contractor

Assistant Engineer
Ward-3

7/2/2020.

Project management consultant

07/02/2020

Asst. Executive Engineer
Yelahanka Satellite Town Sub-Division

Assistant Executive Engineer
Yelahanka Satellite Town
Sub-Division
BBMP, Bengaluru-560